

01/23/02
J1059 U.S. PTO

01-25-02

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PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. H2022-00002
First Inventor CHE-YE LI
Title THERMALLY ENHANCED INTERPOSER AND METHOD
Express Mail Label No. ET081109345US

01/23/02
10/055771
U.S. PTO

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
- ☒ Applicant claims small entity status.
See 37 CFR 1.27.
- ☒ Specification [Total Pages 21]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 14]
- ☒ Oath or Declaration [Total Pages 3]
 - ☒ Newly executed (original or copy)
 - ☐ Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
 - ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

- ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
- Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - ☐ Computer Readable Form (CRF)
 - Specification Sequence Listing on:
 - ☐ CD-ROM or CD-R (2 copies); or
 - ☐ paper
 - ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

- ☒ Assignment Papers (cover sheet & document(s))
- ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☒ Power of Attorney
- ☐ English Translation Document (if applicable)
- ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
- ☐ Preliminary Amendment
- ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
- ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
- ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
- ☒ Other: CHECK, PET TO MAKE SPECIAL

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No. _____ / _____

Prior application information:

Examiner:

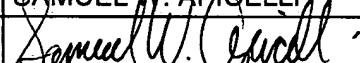
Group Art Unit:

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label  or ☒ Correspondence address below

Name	SAMUEL W. APICELLI				
	DUANE MORRIS LLP				
Address	305 NORTH FRONT STREET, P.O. BOX 1003				
City	HARRISBURG	State	PA	Zip Code	17108-1003
Country	US	Telephone	717-237-5516	Fax	717-232-4015

Name (Print/Type)	SAMUEL W. APICELLI	Registration No. (Attorney/Agent)	36,427
Signature		Date	1/23/02

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

Complete if Known

Application Number	NOT YET KNOWN
Filing Date	1/23/02
First Named Inventor	CHE-YU LI
Examiner Name	NOT YET KNOWN
Group Art Unit	----
Attorney Docket No.	H2022-00002

TOTAL AMOUNT OF PAYMENT (\$ 521.00

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 04-1679
Deposit Account Name DUANE MORRIS LLP

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

- ☒ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ Payment Enclosed:

☒ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
101	201	740	370			Utility filing fee	370.00
106	206	330	165			Design filing fee	
107	207	510	255			Plant filing fee	
108	208	740	370			Reissue filing fee	
114	214	160	80			Provisional filing fee	

SUBTOTAL (1) (\$ 370.00

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
23	-20** = 3	9.00	27.00
5	-3** = 2	42.00	84.00
Multiple Dependent			0.00

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
103	203	18	9			Claims in excess of 20
102	202	84	42			Independent claims in excess of 3
104	204	280	140			Multiple dependent claim, if not paid
109	209	84	42			** Reissue independent claims over original patent
110	210	18	9			** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 111.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
105	205	130	65			Surcharge - late filing fee or oath	
127	227	50	25			Surcharge - late provisional filing fee or cover sheet	
139	139	130	130			Non-English specification	
147	147	2,520	2,520			For filing a request for ex parte reexamination	
112	112	920*	920*			Requesting publication of SIR prior to Examiner action	
113	113	1,840*	1,840*			Requesting publication of SIR after Examiner action	
115	215	110	55			Extension for reply within first month	
116	216	400	200			Extension for reply within second month	
117	217	920	460			Extension for reply within third month	
118	218	1,440	720			Extension for reply within fourth month	
128	228	1,960	980			Extension for reply within fifth month	
119	219	320	160			Notice of Appeal	
120	220	320	160			Filing a brief in support of an appeal	
121	221	280	140			Request for oral hearing	
138	138	1,510	1,510			Petition to institute a public use proceeding	
140	240	110	55			Petition to revive - unavoidable	
141	241	1,280	640			Petition to revive - unintentional	
142	242	1,280	640			Utility issue fee (or reissue)	
143	243	460	230			Design issue fee	
144	244	620	310			Plant issue fee	
122	122	130	130			Petitions to the Commissioner	
123	123	50	50			Processing fee under 37 CFR 1.17(q)	
126	126	180	180			Submission of Information Disclosure Stmt	
581	581	40	40			Recording each patent assignment per property (times number of properties)	40.00
146	246	740	370			Filing a submission after final rejection (37 CFR § 1.129(a))	
149	249	740	370			For each additional invention to be examined (37 CFR § 1.129(b))	
179	279	740	370			Request for Continued Examination (RCE)	
169	169	900	900			Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 40.00

SUBMITTED BY

Name (Print/Type)	SAMUEL W. APICELLI	Registration No. (Attorney/Agent)	36,427	Telephone	717-237-5516
Signature	<i>Samuel W. Apicelli</i>			Date	1/23/02

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Che-Yu Li, Zhineng Fan, and Dirk D. Brown

Serial No.: Not yet known

Filing Date: Herewith

For: THERMALLY ENHANCED INTERPOSER

CERTIFICATE OF EXPRESS MAIL

BOX PATENT APPLICATION

Assistant Commissioner for Patents

Washington, D.C. 20231

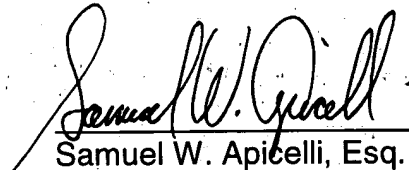
Sir:

I hereby certify that this document, namely the above-identified **Utility Patent Application** is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated below and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

"Express Mail" mailing label number ET 081109345US

Date of Deposit 01/23/2002

Respectfully submitted,



Samuel W. Apicelli, Esq.

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Date: 01/23/2002

Docket No: H2022-00002